

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	2002/0109217	US-PGPUB; USPAT	OR	OFF	2004/10/13 14:19
S2	2	"0109217"	US-PGPUB; USPAT	OR	OFF	2004/10/13 14:19
S3	1	"20020109217"	US-PGPUB; USPAT	OR	OFF	2004/10/13 14:24
S4	0	"20020109217".URPN.	USPAT	OR	OFF	2004/10/13 14:21
S6	25	257/686,668,684,783.ccls. and film and roll\$4 and feed\$4 and (trim\$4 or cut\$4)	US-PGPUB; USPAT	OR	OFF	2004/10/13 14:35
S7	47	257/686.ccls. and film and feed\$4 and (trim\$4 or cut\$4)	US-PGPUB; USPAT	OR	OFF	2004/10/13 14:39
S8	328	83/177.ccls.	US-PGPUB; USPAT	OR	OFF	2004/10/13 14:58
S9	21640	"83"/\$.ccls. and (film or web or adhesive) and (trim\$4 or cut\$4) snd vacuum and feed and sensor	US-PGPUB; USPAT	OR	OFF	2004/10/13 14:59
S10	18206	"83"/\$.ccls. and (film or web or adhesive) and (trim\$4 or cut\$4) snd vacuum and feed and sensor and move\$4	US-PGPUB; USPAT	OR	OFF	2004/10/13 15:00
S11	12666	"83"/\$.ccls. and (film or web or adhesive) and (trim\$4 or cut\$4) snd vacuum and feed and sensor and move\$4 and roll\$4	US-PGPUB; USPAT	OR	OFF	2004/10/13 15:01
S12	7936	"83"/\$.ccls. and (film or web or adhesive) and (trim\$4 or cut\$4) snd vacuum and feed and sensor and move\$4 and roll\$4 and hold\$4 and gap	US-PGPUB; USPAT	OR	OFF	2004/10/13 15:30
S13	21	"83"/\$.ccls. and (film or web or adhesive) and (trim\$4 or cut\$4) and vacuum and feed and sensor and move\$4 and roll\$4 and hold\$4 and gap	US-PGPUB; USPAT	OR	OFF	2004/10/13 15:03
S14	2	"4995219".URPN.	USPAT	OR	OFF	2004/10/13 15:10
S15	21	"83"/\$.ccls. and (film or web or adhesive) and (trim\$4 or cut\$4) and vacuum and feed and sensor and move\$4 and roll\$4 and hold\$4 and gap	US-PGPUB; USPAT	OR	OFF	2004/10/13 15:44
S16	888	257/668.ccls.	US-PGPUB; USPAT	OR	OFF	2004/10/13 15:45
S17	20	"4964214"	US-PGPUB; USPAT	OR	OFF	2004/10/13 19:59

S18	1	"10366210"	US-PGPUB; USPAT	OR	OFF	2004/10/14 10:19
S19	8	"3391429"	US-PGPUB; USPAT	OR	OFF	2004/10/14 10:17
S20	7	"3391429".URPN.	USPAT	OR	OFF	2004/10/14 10:17
S21	1	"1304765"	US-PGPUB; USPAT	OR	OFF	2004/10/14 10:18
S22	0	"1304765".URPN.	USPAT	OR	OFF	2004/10/14 10:19
S23	7	"1304765"	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/14 10:21
S24	8	"1304765"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/14 10:52
S25	0	tungsten same vanadim same blade	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/14 10:53
S26	85	tungsten same vanadium same blade	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/14 10:54
S27	48	tungsten same vanadium same blade and cut\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/14 14:19
S28	661	83/835.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/14 14:19
S29	263	57/408.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/14 14:20
S30	698	19/114,112,97.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/14 14:20
S31	3308	257/686,668,684,783.ccls.	US-PGPUB; USPAT	OR	OFF	2004/11/10 17:48

S32	2495	83/74,76.8,65,206,276,277,23,27, 100,152.ccls.	US-PGPUB; USPAT	OR	OFF	2004/11/12 08:53
S33	3725	83/177,452,453,454,209,210,211, 221,98,613,167,649.ccls.	US-PGPUB; USPAT	OR	OFF	2004/11/12 08:52
S34	6448	83/177,452,453,454,209,210,211, 221,98,613,167,649.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 08:52
S35	3633	83/74,76.8,65,206,276,277,23,27, 100,152.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 08:53
S36	4108	257/686,668,684,783.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 08:53
S37	157	S34 and feed\$4 and conveyor and (film or web oe tape) and (cuT\$4 or blade)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 08:55
S38	227	S35 and feed\$4 and conveyor and (film or web oe tape) and (cuT\$4 or blade)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 10:41
S39	3	S36 and feed\$4 and conveyor and (film or web oe tape) and (cuT\$4 or blade)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 09:57
S40	1	("5934167").URPN.	USPAT	OR	OFF	2004/11/12 09:05
S41	15	("4693591"   "4782365"   "4908667"   "4969016"   "5021824"   "5036353"   "5181066"   "5187520"   "5223854"   "5260740"   "5307114"   "5335045"   "5412450"   "5438388"   "5504555").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/12 09:06
S42	2	("4099433").URPN.	USPAT	OR	OFF	2004/11/12 09:46
S43	18	("3020687").URPN.	USPAT	OR	OFF	2004/11/12 09:53

S44	154	feed\$4 same linear same vacuum same cut\$4 same (hold\$4 or clamp)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 10:10
S45	282	"83"/\$.ccls. and feed\$4 same linear same cut\$4 same (hold\$4 or clamp)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 10:13
S46	5	("3829346").URPN.	USPAT	OR	OFF	2004/11/12 10:21
S47	5296	"83"/\$.ccls. and feed\$4 and (film or web oe tape) and (cuT\$4 or blade)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 10:43
S48	313	"83"/\$.ccls. and feed\$4 same move\$4 same linear and (film or web oe tape) and (cuT\$4 or blade)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/12 10:43
S49	37	("4594926" "5887502" "5669277" "6220327" "3949653" "6374715" "6065379" "3568554" "6289777" "4442743" "4079647" "4607835" "5984302" "5577719" "3741536" "4051779" "6168153" "2116391" "3877336" "4213361" "4227685" "4776577" "4921566" "4949607" "5080340" "5088367" "5162857" "5511744" "5662018" "5746162" "5836439" "5906305" "6241242" "6391132" "20020000149" "20020149497" "6250868").PN.	US-PGPUB; USPAT	OR	OFF	2004/11/15 11:45
S50	2	US-4579025-\$.DID. OR US-6405623-\$.DID.	US-PGPUB; USPAT	OR	OFF	2004/11/16 11:00
S51	47	"5837960"	US-PGPUB; USPAT	OR	OFF	2004/11/16 11:03
S52	737253	CUTTING DISK	US-PGPUB; USPAT	OR	OFF	2004/11/16 11:04
S53	298	"83"/\$.CCLS. AND CUT\$4 SAME DISKS	US-PGPUB; USPAT	OR	OFF	2004/11/16 11:05
S54	16	"83"/\$.CCLS. AND CUT\$4 SAME DISKS SAME STRIP	US-PGPUB; USPAT	OR	OFF	2004/11/16 11:27
S55	395	"83"/\$.ccls. and (three or two) same hole same punch	US-PGPUB; USPAT	OR	OFF	2004/11/16 11:52

S56	2	"5839183"	US-PGPUB; USPAT	OR	OFF	2004/11/16 11:52
S57	55	"83"/\$.ccls. and feed\$4 same linear same suction same (cut\$4 or bldae)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 15:04
S58	1218	83/206,276,277.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/18 11:40
S59	0	("5941150").URPN.	USPAT	OR	OFF	2004/11/17 15:15
S60	22	("1052344"   "1658989"   "3035345"   "3126631"   "3138312"   "3470781"   "3494235"   "3959881"   "3971280"   "4186633"   "4502621"   "4712460"   "4832229"   "4856993"   "5181849").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/17 15:15
S61	6	("5445053").URPN.	USPAT	OR	OFF	2004/11/17 15:30
S62	1	("2657926").URPN.	USPAT	OR	OFF	2004/11/17 18:18
S63	2	("2214478").URPN.	USPAT	OR	OFF	2004/11/17 18:39
S64	7	"2144084"	USPAT	OR	OFF	2004/11/17 18:39
S65	4	("2144084").URPN.	USPAT	OR	OFF	2004/11/17 18:42
S66	7	"2144084"	USPAT	OR	OFF	2004/11/17 19:09
S67	1	83/206,276,277.ccls. and vacuum and feed and interface and encoder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 19:15
S68	8	83/206,276,277.ccls. and vacuum and feed and encoder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 19:16
S69	77	"83"/\$.ccls. and vacuum and feed and encoder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/17 19:17

S70	0	"83"/\$.ccls. and (vacuum or suction) same feed same static same encoder	US-PGPUB; USPAT	OR	OFF	2004/11/18 10:25
S71	2	"83"/\$.ccls. and (vacuum or suction) same feed same encoder	US-PGPUB; USPAT	OR	OFF	2004/11/18 10:26
S72	0	"83"/\$.ccls. and (vacuum or suction) same feed same linear same encoder	US-PGPUB; USPAT	OR	OFF	2004/11/18 10:26
S73	17	(vacuum or suction) same feed same linear same encoder	US-PGPUB; USPAT	OR	OFF	2004/11/18 10:43
S74	8	"83"/\$.ccls. and (vacuum or suction) same (feed or grip) same linear same move\$4	US-PGPUB; USPAT	OR	OFF	2004/11/18 10:47
S75	298	(vacuum or suction) same (feed or grip) same linear same move\$4	US-PGPUB; USPAT	OR	OFF	2004/11/18 10:47
S76	425	257/686,668,684,783.ccls. and vacuum	US-PGPUB; USPAT	OR	OFF	2004/11/18 11:12
S77	0	("2002/0109217").URPN.	USPAT	OR	OFF	2004/11/18 11:15
S78	76	83/206,276,277.ccls. and vacuum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/18 15:30
S79	0	adhesive near film near static near collet\$5 same reel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/18 15:35
S80	0	adhesive near film same static same collet\$5 same reel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/18 15:35
S81	0	film same static same collet\$5 same reel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/18 15:36
S82	578530	low near static same material same cintact same fil or web	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/18 15:37

S83	578530	(low near static) same material same contact\$4 same fil or web	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/18 15:38
S84	20	(low near static) same material same contact\$4 same (film or web)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/18 15:42
S85	27	(low near static) same material same contact\$4 same (film or web or sheet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/18 15:44
S86	334	((low or anti) near static) same material same contact\$4 same (film or web or sheet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/18 15:53
S87	61	((low or anti) near static) same material same contact\$4 same (film or web or sheet) same roller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/18 16:35
S88	282	Film same loop same sensor same (roll\$4 or reel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/18 17:37
S89	385048	(optical near sensor) same (pick near up near device) and semiconductor or wafer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/18 17:39
S90	12	(optical near sensor) same (pick near up near device) and (semiconductor or wafer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/18 17:41

S91	3	"83"/\$.ccls. and (optical near sensor) same (semiconductor or wafer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/18 17:42
S92	3	"83"/\$.ccls. and (optical near sensor) same inspection and cut\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/18 17:59
S93	3	"83"/\$.ccls. and (optical near sensor) same inspection	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/18 18:11
S94	1040614	"83"/\$.ccls. and (collect\$4 near reel) same film or adhesive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/18 18:12
S95	2	"83"/\$.ccls. and (collect\$4 near reel) same (film or adhesive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/18 18:27
S96	58269	"83"/\$.ccls. sensor same detect\$\$ same (end near1 (web or workpiece or sheet or work or film)) same (roller or roll)	US-PGPUB; USPAT	OR	ON	2004/11/18 18:30
S97	58118	"83"/\$.ccls. sensor same detect\$\$ same end near1 (web or sheet) same (roller or roll)	US-PGPUB; USPAT	OR	ON	2004/11/18 18:31
S98	57462	"83"/\$.ccls. sensor near detect\$\$ same end same presence near1 (web or sheet) same (roller or roll)	US-PGPUB; USPAT	OR	ON	2004/11/18 18:32
S99	0	"83"/\$.ccls. and sensor near detect\$\$ same end same presence near1 (web or sheet) same (roller or roll)	US-PGPUB; USPAT	OR	ON	2004/11/18 18:32
S10 0	13	"83"/\$.ccls. and sensor near detect\$\$ same end near1 (web or sheet) same (roller or roll)	US-PGPUB; USPAT	OR	ON	2004/11/18 19:32
S10 1	1	"83"/\$.ccls. and sensor near detect\$\$ same presence near1 (web or sheet) same (roller or roll)	US-PGPUB; USPAT	OR	ON	2004/11/18 19:33



S10 2	3641	257/686,668,684,783.ccls.	US-PGPUB; USPAT	OR	OFF	2005/05/26 19:24
S10 3	0	"83"/\$.ccls. and (sensors near4 distance) same sheet same roll and cut\$4	US-PGPUB; USPAT	OR	OFF	2005/05/26 19:29
S10 4	5	"83"/\$.ccls. and (sensors near4 distance) same roll and cut\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/26 19:38
S10 5	5	"83"/\$.ccls. and (sensors near4 distance) same (roll near (paper or sheet or web or film or tape))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/26 19:39
S10 6	13	(sensors near4 distance) same (roll near (paper or sheet or web or film or tape))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/26 19:39